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Cisco switch configuration commands list pdf

Switch commands. Cisco common commands. Cisco basic configuration commands. Cisco switch full configuration commands. Cisco switch config. Cisco switch configuration. Cisco switch command list. Cisco switch command.

Cisco switches are versatile devices that can be used out of the box but also offer a wide range of features for advanced configuration. While their primary function is to provide Layer 2 connectivity, Cisco switches have numerous features and functionalities that can be customized. This cheat sheet provides frequently-used CLI commands for common Cisco switch models. enable secret test1 service password-encryption line con 0 password test3 login line vty 0 4 transport input ssh transport input telnet password test3 ip default-gateway 192.168.1.1 interface g0/1 description TO SERVER speed 10 speed 100 speed auto duplex auto duplex full duplex half ip http server ip http port 80 interface g0/1 switchport port-security switchport port-security mac-address sticky switchport port-security maximum 1 switchport port-security violation shutdown exit exit show port-security copy running-config startup-config A step-by-step guide to configuring a network device is provided. The process involves setting up interfaces, VLANs, and trunking. Firstly, the FastEthernet interface 0/1 is configured for spanning-tree portfast mode. This ensures that all ports in the VLAN are in a consistent state. A Layer2 VLAN with id 20 is created, and it is given the name "testvlan". Next, access ports are assigned to this VLAN. The g0/1 interface is set in switch access mode, and then assigned to VLAN 20. A range of interfaces from 1 to 24 on the gigabitEthernet 0/1-24 is selected and added to VLAN 20. This allows all these ports to be part of the same VLAN. Then, a trunk port is configured. The g0/2 interface is set in permanent trunking mode, with 802.1Q encapsulation. The native VLAN for this trunk is set to 20, and vlans 2-5 are allowed to pass through it. Additionally, vlan 7 is added to the list of allowed vlans, while vlan 3 is removed. The configuration is verified by displaying the interface g0/2 trunk settings.